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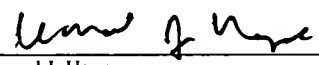
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Becker, et al. Examiner:
Serial No.: 09/982,122 Group Art Unit: 2152
Filed: October 18, 2001 Docket No.: 60001.0096US01/
MS172024.1

Title: Method, System, and Apparatus for Providing Access to Asynchronous Data
in a Spreadsheet Application Program

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the paper(s), as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on December 6, 2001.

By: 
Leonard J. Hope

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

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Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R.

§ 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,


MERCHANT & GOULD
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
Telephone: 404.954.5100

Leonard J. Hope

Date: December 6, 2001

Leonard J. Hope
Reg. No. 44,774



FORM 1449* INFORMATION DISCLOSURE STATEMENT 	Docket Number: 60001.0096US01/ MS#172024.1	Application Number: 09/982,122
	Applicant: Becker, et al.	
	Filing Date: 10/18/01	Group Art Unit: 2152

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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JAN 18 2002
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FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Orphaned Spreadsheets Race for Real Time Market; M.N. Duffy; <i>Wall Street & Technology</i> , vol. 12, no. 5, (Nov. 1994), pages 14, 16, 18.
		SSP: A Semantics-Based Protocol for Real-Time Data Access; Tei-Wei Kuo and Aloysius K. Mok; <i>Proceedings of the Real-Time Systems Symposium</i> , 1993, pages 76 - 86.
		The Design and Implementation of a Real-Time Object Management Interface; Tei-Wei Kuo and Aloysius K. Mok; <i>Symposium on Real-Time Technology and Applications</i> (1995), pages 192 - 201.
		Real-Time Database - Similarity Semantics and Resource Scheduling; Tei-Wei Kuo and Aloysius K. Mok; <i>SIGMOD Record</i> , vol. 25, no. 1 (March, 1996), pages 18 - 22.
		An Evaluation of Real-Time Transaction Management Issues in Mobile Database Systems; Ersan Kayan and Özgür Ulusoy; <i>The Computer Journal</i> ; vol. 42, no. 6, 1999, pages 501 - 510.
		An Historical Information Spreadsheet for Power System Operation; B.E. Zunser, C.D. Meier, H.J. Warner, K. Hemmaplardh, S.A. Sackett, D. Williamson, and D. Vartuli; <i>IEEE Transactions On Power Systems</i> ; vol. PWRS-1, no. 4 (November, 1986), pages 238-242.
		Interfacing Spreadsheet Programs to Real-Time Data Systems; Carl Scott, Ruth Clowers, and Mark Cross; <i>Proceedings of the International Symposium on Instrumentation in the Aerospace Industry, Instrument Society of America, USA</i> ; pages 39 - 45.



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PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	